

Reflective Cracking Testing Notes

Date: March 08, 2017

Project: Reflective Cracking Indoor Phase 5

Temperature:

Ambient temp: 52.9F

Interface temp: T1-N = 26.6F; T1-S = 27.1F

Working Hours: 7:00 AM – 3:30 PM

Sub-Contractor(s): N/A

Equipment: N/A

Reflective Cracking Testing Notes:

Cycle count: 553

South test item observations:

- Outer vertical edge:
 - Crack through SG6-S-0 and SG6-S-1.5. Crack at SG6-S-3 as shown in Figure 1.
 - Visual observation is the same as yesterday.
- Joint surface area:
 - None of the surface gauges show evidence of a crack.
 - Visual observation is the same as yesterday.
- Inner vertical edge:
 - None of the inner vertical edge gauges show evidence of a crack.
 - Visual observation is the same as yesterday.

North test item observations:

- Outer vertical edge:
 - The vertical edge is completely cracked, SG6-N-0, SG6-N-1.5 and SG6-N-3 as shown in Figure 2.
 - Visual observation is the same as yesterday.
- Joint surface area:
 - Surface crack is more noticeable through SG5-N-3, SG4-N-3 and SG3-N-3 as shown in Figures 3 and 4.
 - Crack propagated 9" from yesterday. (37.5" yesterday; 46.5" today). As shown in Figure 5.
 - No crack on SG2-N-3 as shown in Figure 5.
- Inner vertical edge:
 - No crack on the inner vertical edge.
 - Visual observation is the same as yesterday.



Figure 1. Crack through SG6-S-0 and SG6-S-1.5. No crack on SG6-S-3, SG6-S-4.5 and SG6-S-6



Figure 2. SG6-N-0, SG6-N-1.5 and SG6-N-3. Crack completed

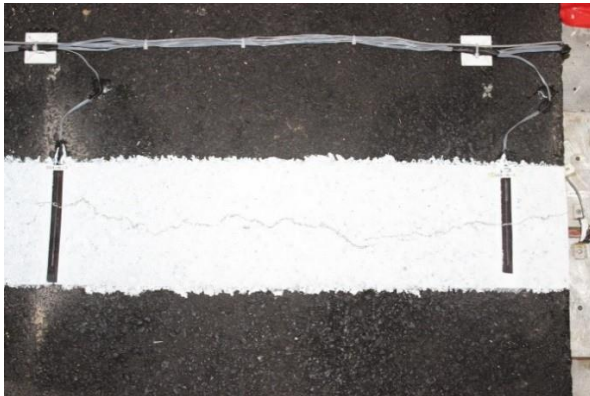


Figure 3. Crack from vertical edge through and SG5-N-3



Figure 4. Crack propagated through SG3-N-3 reached up to 46.5".



Figure 5. SG-2-N-3 and the inner vertical edge have no cracks